



06-15-05

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PTO/SB/21 (09-04)

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**TRANSMITTAL
FORM**

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Total Number of Pages in This Submission 8

Application Number 10/734,445

Filing Date 12/12/2003

First Named Inventor K. W. Brown

Art Unit 2821

Examiner Name E. ALEMU

Attorney Docket Number PD-01W176A

ENCLOSURES (Check all that apply)

- | | | |
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| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Postcard |
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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|----------------------|----------|--------|
| Firm Name | RAYTHEON COMPANY | | |
| Signature | | | |
| Printed name | THOMAS J. FINN, ESQ. | | |
| Date | 6-13-05 | Reg. No. | 48,066 |

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| Typed or printed name | ALINE G. ZIMMERMAN Diane Karl | Date | 6-13-05 |

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PD 01W176A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|----------------------------------|---|----------------------|
| In re Application of | : | |
| K. W. Brown <i>et al.</i> | : | Group Art Unit 2821 |
| Serial No. 10/734,445 | : | Examiner: E. Alemu |
| Filed: 12/12/2003 | : | Date: April 21, 2005 |
| For: REFLECTIVE AND TRANSMISSIVE | : | |
| MODE MONOLITHIC MILLIMETER... | : | |

AMENDMENT A

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated March 23, 2005, please amend the above-identified Application as follows and consider the accompanying remarks: